

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	342	laser same resonator with pulse with (microsec\$5 \$2sec \$2second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:31
L2	116	laser with (machining drill \$4 cut\$4 etch\$4 ablat\$4) and laser same resonator with pulse with (microsec \$5 \$2sec \$2second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:32
L3	67	2 and resonator same solid adj state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:33
L4	8	laser with (machining drill \$4 cut\$4 etch\$4 ablat\$4) and laser same resonator with pulse with microsec \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:33
L5	7	4 and (pump\$3 diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:35
L6	6	4 and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:36
L7	5	4 and diode with pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:36
L8	4	3 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:37
L9	1	8 and train	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:40

L10	4	8 and secondary with primary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:40
L11	4	8 and secondary with primary with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:41
L12	1	("6449294").PN.	USPAT; USOCR	OR	OFF	2009/03/25 10:45
L13	0	12 and resonator with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:45
L14	0	12 and resonator same diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:45
L15	1	12 and resonator and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:45
L16	1	12 and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:45
L17	1	12 and resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:46
L18	4	optical adj diode with downstream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:02
L19	4	optical adj diode with downstream and wave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:03

L20	0	12 and modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:08
L21	31	resonator with (machining head) with modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:08
L22	13	laser same resonator with (machining head) with modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:08
L23	4	laser same resonator with (machining head) with modulat\$4 and solid adj state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:11
L24	23	pulse with train near3 output with (pulse primary) near2 enter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:22
L25	8	24 and multiplier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:24
L26	1811	resonator and downstream and modulat \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:25
L27	6	laser same train with resonator and downstream and modulat \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:25
L28	30	laser same train with resonator with modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:26
L29	1	laser same train with resonator with modulat\$4 with downstream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:27

L30	1	laser same train with resonator with modulat\$4 same downstream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:27
L31	1	laser same train with resonator with modulat\$4 and downstream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:27
L32	4	laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4) and laser same train with resonator with modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:28
L33	4	8 and solid with state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:35
L34	4	8 and solid with state same (optic\$4 pump\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 11:36
L35	4	8 and solid with state with (optic\$4 pump\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 12:55
L36	1	8 and polariz\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 12:56
L37	21	optical adj diode with polariz\$6 with (quarter wave plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 12:57
L38	17	laser same optical adj diode with polariz\$6 with (quarter wave plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 12:57
L39	5	38 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 12:58

L40	1	("6414980").PN.	USPAT; USOCR	OR	OFF	2009/03/25 13:03
L41	0	40 and pulse with amplif\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:04
L42	0	40 and amplif\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:04
L43	61	laser with pulse near2 amplif\$9 with resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:04
L44	26	laser with pulse near amplif\$9 with resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:04
L45	0	laser with pulse near amplif\$9 with resonator near2 suppl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:05
L46	5	44 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:05
L47	31	laser same pulse with amplif\$9 same cavity same (flash lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:17
L48	17	laser same pulse with amplif\$9 same cavity same (flash near2 lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:20
L49	17	laser same pulse with amplif\$9 same cavity same (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:20

L50	5	49 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:20
L51	4	49 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4) and solid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:21
L52	93	dpssl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:23
L53	39	52 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4) and solid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:23
L54	2	"20070000877"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:24
L55	0	54 and mode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:24
L56	1	53 and pulse with amplif \$9 same cavity same (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:26
L57	1	53 and pulse with amplif \$9 same cavity and pulse with amplif\$9 with (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:26
L58	1	53 and (pulse amplif\$9) same cavity and (pulse amplif\$9) with (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:27
L59	1	53 and (pulse amplif\$9) same cavity and (pulse amplif\$9) same (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:27

L60	1	53 and cavity same (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:27
L61	4	53 and cavity and (flash adj lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:28
L62	4	("4114018") or ("6414980") or ("6539035") or ("5828683")).PN.	USPAT; USOCR	OR	OFF	2009/03/25 13:32
L63	4	"20020009843" "20030069617"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:32
L64	8	62 63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:33
L65	2	64 and polari\$7 same resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:33
L66	0	64 and linear\$5 with polari\$7 same resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:34
L67	68	laser same linear\$5 adj2 polari\$7 with resonator with out\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:35
L68	66	laser same linear\$5 adj2 polari\$7 with resonator with (outlet output\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:36
L69	18	68 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:36

L70	4	68 and laser with (machining drill\$4 cut\$4 etch\$4 ablat\$4) and solid adj state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:39
L71	174	nd with yvo4 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:41
L72	33	nd with yvo4 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:41
L73	1	nd with yvo4 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and dpssl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:43
L74	18	nd with yvo4 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:46
L75	21	nd adj yvo\$1 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:49
L76	18	nd adj yvo\$1 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:49
L77	4	nd adj yvo\$1 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator and optic\$4 near2 diode and pump\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:50
L78	0	nd adj yvo\$1 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator and optic\$4 near2 diode not 77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:53



L79	17	nd adj yvo\$1 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and linear \$4 near polari\$6 and resonator not 77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:53
L80	6	nd adj yvo\$1 same linear \$4 near polari\$6 and laser with (machining drill\$4 cut \$4 etch\$4 ablat\$4) and solid adj state and resonator not 77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:54
L81	0	laser same primary adj pulse with microsecond with millisecond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:58
L82	1	primary adj pulse with microsecond with millisecond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:58
L83	1	54 and primary with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 13:59
L84	23	primary adj pulse with (? s ?sec ?second) with (ms msec msecond millisecc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:00
L85	208	primary adj pulse with (? s ?sec ?second microsec \$4 ms msec msecond millisecc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:01
L86	3	resonator with primary adj pulse same (?s ?sec ? second ms msec msecond millisecc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:05
L87	1	resonator with primary adj pulse same (s sec second ? s ?sec ?second ms msec msecond millisecc\$3) not 86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:06
L88	0	resonator with primary adj pulse same (microsec\$5 millisecc\$5) not 86 not 87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:08

L89	0	resonator same primary adj pulse same (microsec \$5 millisecc\$5) not 86 not 87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:08
L90	3	amplif\$8 same primary adj pulse same (microsec \$5 millisecc\$5) not 86 not 87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:08
L91	7	laser same primary adj pulse same (microsec\$5 millisecc\$5) not 86 not 87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:09
L92	7	((("4114018") or ("6414980") or ("6539035") or ("5828683") or ("6664498") or ("5377212") or ("5381437")).PN.	USPAT; USOCR	OR	OFF	2009/03/25 14:16
L93	3	92 and modulatt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 14:25
S1	4	((("5963575") or ("7149231") or ("4114018") or ("6366596")).PN.	USPAT; USOCR	OR	OFF	2009/03/24 13:34
S2	2	"20070000877"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:35
S3	6	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:36
S4	3	"03006697"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:36
S5	1	"03006697.1"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:37

S6	0	ep adj "03006697.1"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:37
S7	1	"03006697.1"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:38
S8	5	"2002000426"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:42
S9	0	"2002000426"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:42
S10	2	"2002000426"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:42
S11	402	solid near3 active near3 medium same laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:44
S12	14	S11 and modulat\$5 with resonator and modulat\$5 with (pulse train)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:46
S13	9	S12 and pump\$3 with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:47
S14	8	S13 and resonator with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:48
S15	5	S13 and resonator with generat\$4 with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:48

S16	3	solid near3 active near3 medium with resonator and laser with (machining drill\$3 pierc\$3 cut\$4 etch\$4 ablat\$4) and optic\$5 near2 pump\$3 with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:06
S17	0	("2007/0000877").URPN.	USPAT	OR	ON	2009/03/24 14:07
S18	0	solid near3 active near3 medium with resonator and (laser apparatus device tool\$3 machine) with (machining drill\$3 pierc\$3 cut\$4 etch\$4 ablat\$4) and optic\$5 near2 pump\$3 with diode not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:08
S19	2	solid near3 active near3 medium with resonator and laser same (machining drill\$3 pierc\$3 cut\$4 etch\$4 ablat\$4) and optic\$5 near2 pump\$3 with diode not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:08
S20	192	laser with (machining weld\$3 cut\$4 etch\$4 ablat\$4 melt\$4 pierc\$4 trim\$4) and optical\$5 adj pump\$3 adj3 diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:17
S21	4	S20 and resonator with suppl\$4 with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:17
S22	3	S21 and microsecond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:19
S23	3	S21 and second	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:19
S24	3	S21 and (ms msec\$4 \$1second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:20

S25	3	S21 and (ms msec\$4 \$1sec \$1second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:20
S26	4	S21 and pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:23
S27	3	S21 and resonator with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:35
S28	2	"6418154".pn. and resonator with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:35
S29	1	"6418154".pn. and diode adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:37
S30	1	"6418154".pn. and modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:39
S31	436	laser same modulat\$4 with resonator with output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:42
S32	82	laser same modulat\$4 near4 resonator near4 (output head)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:43
S33	18	laser with (machining weld \$3 cut\$4 etch\$4 ablat\$4 melt\$4 pierc\$4 trim\$4) and modulat\$4 near4 resonator near4 (output head)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 14:43

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